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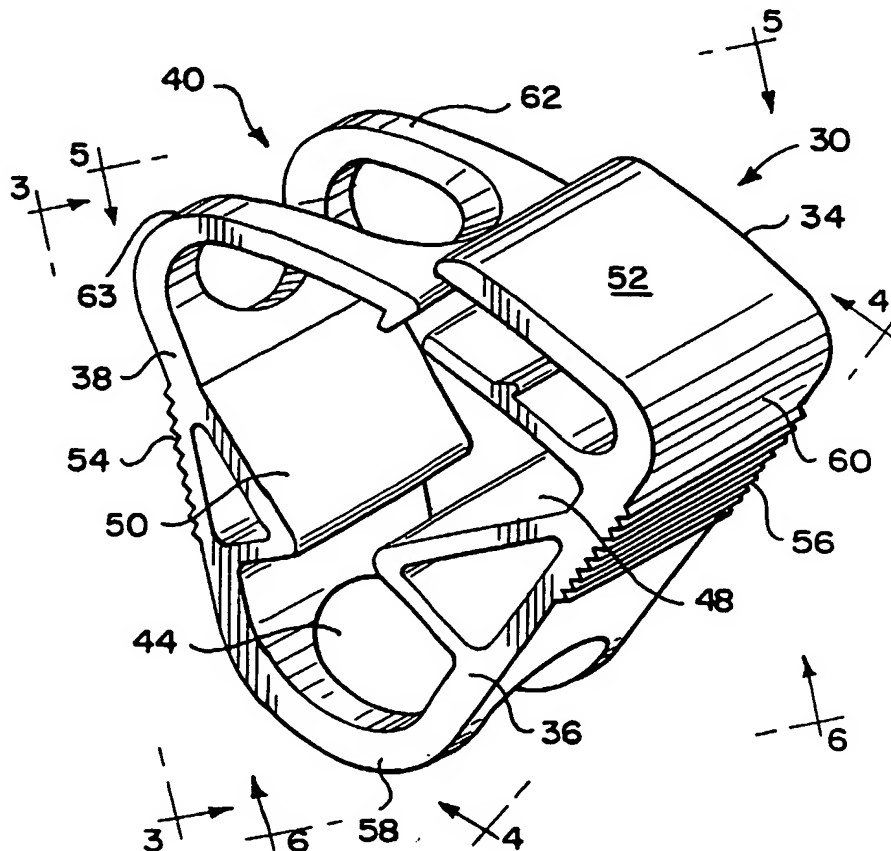
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[Continued on next page]

(54) Title: IRREVERSIBLY CLOSABLE FLOW CONTROL CLAMP



(57) Abstract: A flow control clamp (30) having first and second legs (36, 38) disposed in a generally facing relationship. The clamp includes apertures (40, 44) for receiving a flexible tube therethrough. The first and second legs include surfaces disposed to irreversibly secure the legs together in the closed position.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/01758

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61M 37/00, 5/178; F16K 7/04

US CL : 604/6.16, 214, 167.01; 251/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : Please See Continuation Sheet

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,247,076 A (LARKIN) 27 January 1981, entire document.	8
X	US 4,643,389 A (ELSON et al.) 17 February 1987, entire document.	1-5, 6, 8-11
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Y		12
X	US 6,089,527 A (UTTERBERG) 18 July 2000, entire document.	1-3, 9-11
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Y		4, 5, 7, 8, 12
X	US 6,132,407 A (GENEE et al.) 17 October 2000, entire document.	1-5, 9-11
---		-----
Y		8, 12
X	US 6,234,448 A (PORAT) 22 May 2001, entire document.	1-5, 7-11
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Y		6, 12

☒ Further documents are listed in the continuation of Box C.



See patent family annex.

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	US 6,387,086 A (MATHIAS et al.) 14 May 2002, entire document.	1-12

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**Continuation of B. FIELDS SEARCHED Item 1:**

604/6.16, 214, 167.01, 6.1, 4.01, 6.06, 6.07, 7, 19, 27, 30, 93.01, 164.01-.02, 167.06, 167.03, 181, 182, 186, 207, 215, 256, 264, 523, 537; 251/10, 4, 9

**Continuation of B. FIELDS SEARCHED Item 3:**

**EAST**

flow, control/stop, clamp, tubing, line, blood, IV, intravenous, polypropylene, polyoxymethylene, polymer